GE
Lighting Solutions

GTχ™ LED Signal Modules

200 mm and 300 mm Central Light Source (230V)

GE's 14th generation of LED signal, leveraging 15 years of experience & over 6,000,000 units sold worldwide

Outstanding Performance

- Up to 80% energy savings vs. 50W incandescent bulb.
- Central light source for a uniform looking signal.
- Phantom class 5.*
- Operates from -40°C to +60°C.

Maximum Flexibility

- New micro-controlled power supply is packed with advanced functionality that can be unlocked and customized to fit your specific needs.
- Low profile module permits efficient installation into existing traffic housings.
- Offers multiple step and gradual dimming configurations for ultimate customization.
- Easy-to-install internal mask compatible to fit your unique signaling needs.**

Meets Rigorous Certification & Testing Standards

- Compliant with EN12368:2006 & HD 638.
- IP65 Ingress Protection Rating.
- Designed and tested through GE's rigorous Six Sigma process.
- 100% of GE signals are performance tested and traceable by serial numbers.

* Available for tinted lenses and most clear (black) lenses.
** Sold separately. Refer to masks datasheet TRAF208.

imagination at work

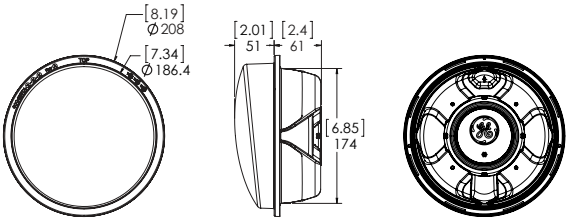
The Greatest Signals Stand the Test of Time.™

GTx™ LED Signal Modules

• 200 mm and 300 mm

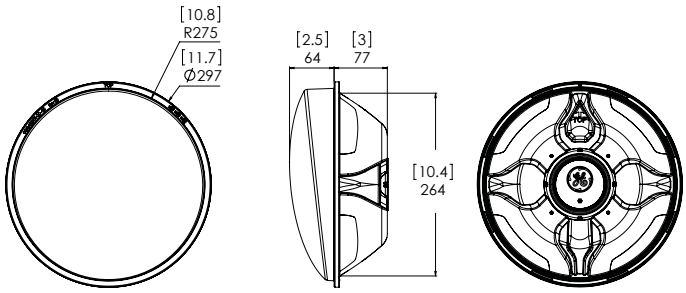
Mechanical Outline

Dimensions in mm [inches]



Front View | Side View | Back View

200 mm



Front View | Side View | Back View

300 mm

Design Compliance [4]

Test Type	Rating
Impact Resistance	IR3
Environmental Class	A, B & C
Ingress Protection	IP65 [1]
Signal with Symbol	S1
EMC	Class B
Vibration	Class AJ2
Solar Radiation	Sa

Operating Specifications

Parameter	Rating
Operating Temperature Range [2]	-40°C to +60°C
Operating Voltage Range (dim mode [3])	170V-265V (95V-160V)
Power factor (Pf)	> 90%
Total Harmonic Distortion (THD)	< 20%
Minimum Voltage Turn-Off (VTO)	80V
Turn-On / Turn Off Time	< 50 ms
Front Shell Material	UV Stabilized Polycarbonate

Product Information

Model Number	Front Shell	Size (mm)	Color	Minimum Light Intensity (Cd)	Maximum Light Intensity (Cd)	Nominal Power (W)	Phantom Class [4]	Performance Levels Distribution [4]	Luminous Intensity	Uniformity [4]	Weight kg (lbs)
DR4-RTFB-71C	Tinted	200	Red	400	800	10.2	5	A2/1	Type W & M	1:10	0.7 (1.5)
DR4-RCFB-71C	Clear	200	Red	400	800	10.2	5		Type W & M	1:10	0.7 (1.5)
DR4-YTFB-71C	Tinted	200	Yellow	400	800	7.9	5	A2/2	Type W & M	1:10	0.7 (1.5)
DR4-YCFB-71C	Clear	200	Yellow	400	800	7.9	4		Type W & M	1:10	0.7 (1.5)
DR4-GTFB-71C	Tinted	200	Green	400	800	9.4	5	B2/1	Type W & M	1:10	0.7 (1.5)
DR4-GCFB-71C	Clear	200	Green	400	800	9.4	3	B2/2	Type W & M	1:10	0.7 (1.5)
DR6-RTFB-71C	Tinted	300	Red	400	800	10.2	5	A3/1	Type N	1:15	1.1 (2.4)
DR6-RCFB-71C	Clear	300	Red	400	800	10.2	5	A3/2	Type N	1:15	1.1 (2.4)
DR6-YTFB-71C	Tinted	300	Yellow	400	800	7.6	5	B3/1	Type N	1:15	1.1 (2.4)
DR6-YCFB-71C	Clear	300	Yellow	400	800	7.6	5		Type N	1:15	1.1 (2.4)
DR6-GTFB-71C	Tinted	300	Green	400	800	7.6	5	B3/2	Type N	1:15	1.1 (2.4)
DR6-GCFB-71C	Clear	300	Green	400	800	7.6	5		Type N	1:15	1.1 (2.4)
DR2 Series		100	For details, refer to DR2 datasheet TRAF123								

[1] Can be increased as an option, contact your GE representative for more information.
[2] For a higher temperature range, please contact your GE representative.
[3] 20% night time dimming. Factory customizable. Contact your GE representative for details
[4] As defined in EN 12368:2006.

Mask Information

Refer to GTx masks datasheet TRAF208.

GE Lighting Solutions • **1-888-MY-GE-LED** • www.gelightingsolutions.com
1-888-69-43-533 for North America · or · +1.216.266.2419

GE Lighting Solutions, LLC is a subsidiary of the General Electric Company. GTx is a trademark of GE Lighting Solutions, LLC. The GE brand and logo are trademarks of the General Electric Company. © 2013 GE Lighting Solutions, LLC. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions.

TRAF193-R101013